



Sheet 1 of 1

FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT				ATTY. DOCKET NO. VTE-153-B		SERIAL NO. 10/817,512	
				APPLICANT Moler et al.			
				FILING DATE April 2, 2004		GROUP Unknown	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
JP	AA	5,881,767	3/16/1999	Loser			
	AB	5,271,226	12/21/1993	Stone			
	AC						
	AD						
	AE						
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FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
JP	AL	EP 1 391 647	17.06.2003	Europe			
	AM	DE 199 12 334 A 1	28.9.2000	Germany			
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
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	AS						
	AT						
EXAMINER JP				DATE CONSIDERED 11/05			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not considered. Include a copy of this form with next communication to applicant.							

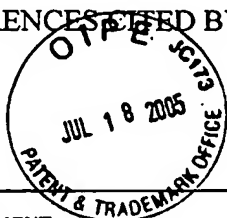


Sheet 1 of 2

FORM PTO-1449		LIST OF REFERENCES CITED BY APPLICANT		ATTY. DOCKET NO. VTE-153-B		SERIAL NO. 10/817,512	
				APPLICANT Moler, et al			
				FILING DATE April 02, 2004		GROUP 3745	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
JR	AA	6,523,451	02/25/2003	Liao et al			
	AB	6,234,060	05/22/2001	Jolly			
	AC	5,431,086	07/1995	Morita et al			
	AD	5,546,847	08/1996	Rector et al			
	AE	6,467,264	10/2002	Stephenson et al			
	AF	3,099,289	06/1960	Neilson et al			
	AG						
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FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
JR	AL	GB2203195 A	10/1988	United Kingdom			
	AM	DE 10122297 C1	06/2002	Germany			
	AN						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
JR	AO	Karim Khayati, Pascal Bigras, and Louis-A. Dessaint; NONLINEAR CONTROL OF PNEUMATIC SYSTEMS; Ecole de Technologie Supérieure; 1100, rue Notre-Dame Ouest, Montreal (Quebec) H3C 1K3					
	AP	HIGH SPEED SERVO PNEUMATIC ACTUATOR SYSEMS; (modified on 13 January 2004); Design of High Speed Machinery (DHSM) LINK Programme; Engineering & Physical Sciences Research Council; Department of Trade & Industry; March 1995 to August 1997, Grant Reference: GR/K38663					
	AR	Journal of Zhejiang University SCIENCE; (ISSN 1009-3095, Monthly), 2001 vol. 2, no. 2, pages 128-131; CLC Number: TP271, 32; Document Code: A RESEARCH ON THE CONTINUOUS POSITIONING CONTROL TO SERVO-PNEUMATIC SYSTEM; Tao Guo-liang, Wang Xuan-yin, & Lu Yong-xiang					
	AS	MODELING AND SIMULATION OF A SERVOPNEUMATIC GRIPPER; Salvador Esque and Jose LM Lastra, date 10 Dec 99					
	AT	MODIFIED FEEDBACK LINEARIZATION CONTROLLER FOR PNEUMATIC SYSTEM WITH NON-NEGLIGIBLE CONNECTION PORT RESTRICTION; Pascal Bigras, Karim Khayati, Tony Wong; University of Quebec					
	AU	ND9000 INTELLIGENT VALVE CONTROLLER; METSO AUTOMATION; date: July 7/2003					
EXAMINER		DATE CONSIDERED					
JR		11/05					
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U. S. PATENT DOCUMENT					
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	FILING DATE
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FOREIGN PATENT OR PUBLISHED PATENT APPLICATION					
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	TRANSLATION
	AB				
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)					
AC	INTRODUCING PRECISIONAIRE - A BREAKTHROUGH PNEUMATIC MOTION SYSTEM				
	AD				
AE	KUHNE "SPEEDY" Machine Building Process Module; Switched Pneumatic Electrical Endposition Damping- E635 GM/02 92.652				
AF	SWITCHED PNEUMATIC ELECTRICAL ENDPOSITION DAMPING; Werner Brockman; University of Lubeck Institute of Computer Engrg. Lubeck, Germany				
AG	BLOCK-ORIENTED NONLINEAR CONTROL OF PNEUMATIC ACTUATOR SYSTEMS; fulin Xiang; Doctoral Thesis, Mechatronics Lab, Department of Machine Design, Royal Institute of Technology, KTH; S-100 44, Stockholm, Sweden, 2001.				
AH	HYDRAULIC & PNEUMATIC ACTUATORS; Sensors & Actuators for Mechatronics Hydraulic and Pneumatic Actuators; K. Craig.				
AI	ADAPTIVE NEURON CONTROL BASED ON PREDICTIVE MODEL IN PNEUMATIC SERVO SYSTEM; Huang Wenmei, Yang Yong, Tang Yali; College of Mechanical and Automotive Engrg. Hunan University, 410082, Changsha, Huna, P.R. China.				
AJ	PROPNEU - AN INTELLIGENT SOFTWARE TOOL; Hong Zhou, Ph.D., Festo AG & Co., Ruitersstr, 82, D- 73734, Esslingen, Germany				
AK	PNEUMATIC SERVO SYSTEMS CONTROLLED BY SELF-TUNING FUZZY RULES; Akira Shimizu, Satoru Shibata, and Mitsuru Jindai, Dept. of Mech. Eng. Ehime University, 3, Bunkyo-cho, 790-8577, Matsuyama, Ehime, Japan.				
AL	MODELICA - Proceedings of the 3 rd International Modelica Conference, Linkoping, November 3-4, 2003, Peter Fritzson (editor)				
AM	HIGH STEADY-STATE ACCURACY PNEUMATIC SERVO POSITIONING SYSTEM WITH PVA/PV CONTROL AND FRICTION COMPENSATION; Shu Ning and Gary M. Bone; Dept. of Mechanical Engrg., McMaster University, Hamilton, Ontario, Canada, L8S 4L7. Proceedings of the 2002 IEEE, International Conference on Robotics & Automation, Washington, DC - May 2002				
AN	A HYBRID PNEUMATIC/ELECTROSTATIC MILI-ACTUATOR; Kenneth H. Chiang, Ronald S. Fearing; ROBOTICS AND INTELLIGENT MACHINES LABORATORY; Dept. of Electrical Engrg. And Computer Sciences; 265M Cory Hall, University of California, Berkeley, CA 94720-1770				
AO	MODELING IDENTIFICATION, AND CONTROL OF A PNEUMATICALLY ACTUATED, FORCE CONTROLLABLE ROBOT; J.E. Bobrow and B.W. McDonell; Irvine, California 92697				
AP	MODELLING AND SIMULATION OF PNEUMATIC CYLINDERS FOR A PHYSIOTHERAPY ROBOT; R. Richardson, A.R. Plummer, M. Brown; School of Mechanical Engrg., University of Leeds, UK; Instron Ltd., UK				
AR	STUDY OF PNEUMATIC MOTION BASE, CONTROL CHARACTERISTICS; Kenji Okiyama and Ken Ichiryu, Tokyo University of Technology, Katakuracho 1404-1, Hachioji-city, Tokyo, Japan (date unspecified)				
EXAMINER	DATE CONSIDERED				
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FORM PTO-1449

LIST OF REFERENCES CITED BY
APPLICANTATTY. DOCKET NO.
VTE-153-BSERIAL NO.
10/817,512APPLICANT
Moler et al.FILING DATE
04/02/2004GROUP
3745

U. S. PATENT DOCUMENT

EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
<i>JF</i>	AA	4,431,873	2/14/1984	Dunn et al.			
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FOREIGN PATENT OR PUBLISHED PATENT APPLICATION

		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
<i>JF</i>	AJ	2004/0125472	7/01/20004	U.S.			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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				APPLICANT Moler et al.			
				FILING DATE 04/02/2004		GROUP 3745	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
JP	AA	6,870,305	3/22/05	Moler			5/14/04
	AB	4,686,338	8/11/1987	Kashiwagi et al.			2/6/1985
	AC						
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FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
JP	AS	US 2004/0035106	2/26/2004	US			N/A
	AR	US 2004/0045148	3/11/2004	US			N/A
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
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FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT				ATTY. DOCKET NO. VTE-153-B		SERIAL NO. 10/817,512	
				APPLICANT Moler et al.			
				FILING DATE April 2, 2004		GROUP 3753	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
JP	AA	6,567,255	5/20/2003	Panzer et al.			
	AB	6,453,261	9/17/2002	Boger et al.			
	AC	6,431,340	8/13/2002	Ineson et al.			
	AD	6,305,264	10/23/2001	Yang et al.			
	AE	6,291,928	9/18/2001	Lazarus et al.			
	AF	6,230,606	5/15/2001	Sato			
	AG	6,085,632	7/11/2000	Stoll et al.			
	AH	6,003,428	12/21/1999	Mundie et al.			
	AI	5,950,668	9/14/1999	Baumann			
	AJ	5,587,536	12/24/1996	Rasmussen			
	AK	5,465,021	11/7/1995	Visscher et al.			
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		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
JP	AL	61296781	27-12-86	Europe			
	AM	0 325 764	02.08.89	Europe			
	AN	01185175	24.07.89	Europe			
	AO	WO 01/78160		PCT			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
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EXAMINER JP				DATE CONSIDERED 11/05			
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FORM PTO-1449

LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET NO.
VTE-153-BSERIAL NO.
10/817,512APPLICANT
Moler et al.FILING DATE
April 2, 2004GROUP
3753

U. S. PATENT DOCUMENT

EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,425,941	6/20/1995	Wilson et al.			
	AB	5,424,941	6/13/1995	Bolt et al.			
	AC	5,388,751	2/14/1995	Harada et al.			
	AD	5,333,455	8/2/1994	Yoshioka			
	AE	5,211,196	5/18/1993	Schwelm			
	AF	5,154,207	10/13/1992	Bolt			
	AG	4,932,311	6/12/1990	Mibu et al.			
	AH	4,901,625	2/20/1990	Bussan et al.			
	AI	4,878,417	11/7/1989	Facon			
	AJ	4,819,543	4/11/1989	Leinen			
	AK	4,808,874	2/28/1989	Stahlhuth			

FOREIGN PATENT OR PUBLISHED PATENT APPLICATION

		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
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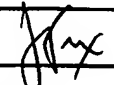
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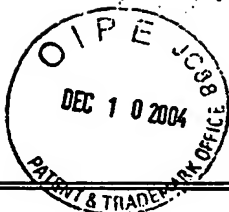
DATE CONSIDERED

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				APPLICANT Moler et al.			
				FILING DATE April 2, 2004		GROUP 3753	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	4,790,233	12/13/1988	Backe et al.			
	AB	4,763,560	8/16/1988	Sasaki			
	AC	4,741,247	5/3/1988	Glomeau et al.			
	AD	4,736,131	4/5/1988	Fujimoto			
	AE	4,628,499	12/9/1986	Hammett			
	AF	4,481,768	11/13/1984	Goshorn et al.			
	AG	4,481,451	11/6/1984	Kautz et al.			
	AH	4,450,753	5/29/1984	Basrai et al.			
	AI	4,379,335	4/5/1983	Kirsch et al.			
	AJ	4,121,504	10/24/1978	Nowak			
	AK	4,106,390	8/15/1978	Kodaira et al.			
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
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				APPLICANT Moleri et al.			
				FILING DATE April 2, 2004		GROUP 3753	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	4,080,873	3/28/1978	Bauer et al.			
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FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AL	US 2001/0030306	11/18/2001	Moler et al.			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
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Sheet 1 of 1

FORM PTO-1440 LIST OF REFERENCES CITED BY APPLICANT				ATTY. DOCKET NO. VTE-153-B		SERIAL NO. 10/817,512	
				APPLICANT Jeff Moler, Mark Woosley & John Bugel			
				FILING DATE April 2, 2004		GROUP 3753	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	6,759,790	7/6/2004	Bugel et al.			
	AB	6,642,067	11/4/2003	Dwyer			
	AC	6,548,938	4/15/2003	Moler et al.			
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